

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/553, 614  
Source: PCT  
Date Processed by STIC: 10/28/2005

**ENTERED**



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/553,614

DATE: 10/28/2005

TIME: 09:15:33

Input Set : A:\PTO.RJ.TXT

Output Set: N:\CRF4\10282005\J553614.raw

3 <110> APPLICANT: Hirai, Mitsuharu  
 5 <120> TITLE OF INVENTION: METHOD OF DETECTING PANCREATIC ISLET AMYLOID PROTEIN MUTANT  
 GENE AND

6 NUCLEIC ACID PROBE AND KIT THEREFOR  
 8 <130> FILE REFERENCE: TOYA114.009APC  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/553,614  
 C--> 11 <141> CURRENT FILING DATE: 2005-10-18  
 13 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/005509  
 14 <151> PRIOR FILING DATE: 2004-04-16  
 16 <150> PRIOR APPLICATION NUMBER: JP 2003-114380  
 17 <151> PRIOR FILING DATE: 2003-04-18  
 19 <160> NUMBER OF SEQ ID NOS: 16  
 21 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 600  
 23 <212> TYPE: DNA  
 24 <213> ORGANISM: Homo sapiens  
 26 <220> FEATURE:  
 27 <221> NAME/KEY: allele  
 28 <222> LOCATION: 235  
 30 <400> SEQUENCE: 1  
 31 aatctcagcc atctagggtt ttgcaaacca aaacactgag ttacttatgt gaaaattgtt 60  
 32 tctttggttt tcatcaatac aagatatttg atgtcacatg gctggatcca gctaaaattc 120  
 33 taaggctcta acttttcaca tttgttccat gttaccagtc atcagggtgaa aaagcggaaa 180  
 34 tgoaacactg ccacatgtgc aacgcagcgc ctggcaaatt ttttagttca ttccggcaac 240  
 35 aactttggtg ccattctctc atctaccAAC gtgggatcca atacgtatgg caagaggaat 300  
 36 gcagtagagg ttttaaagag agagccactg aattacttgc cccttttagag gacaatgtaa 360  
 37 ctctatagtt attgttttat gttcttagtga tttccctgtat aatttaacag tgccctttc 420  
 38 atctccagtg tgaatatatg gtctgtgtgt ctgatgtttg ttgcttaggac atataccctc 480  
 39 tcaaaagatt gtttatatg tagtactaac taaggtccca taataaaaag atagtatctt 540  
 40 ttAAAATGAA atgttttgc tatagatttg tattttaaaa cataagaacg tcattttggg 600  
 42 <210> SEQ ID NO: 2  
 43 <211> LENGTH: 18  
 44 <212> TYPE: DNA  
 45 <213> ORGANISM: Artificial Sequence  
 47 <220> FEATURE:  
 48 <223> OTHER INFORMATION: primer  
 50 <400> SEQUENCE: 2  
 51 cacatgtgca acgcagcgc 18  
 53 <210> SEQ ID NO: 3  
 54 <211> LENGTH: 24  
 55 <212> TYPE: DNA  
 56 <213> ORGANISM: Artificial Sequence  
 58 <220> FEATURE:  
 59 <223> OTHER INFORMATION: primer

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61 <400> SEQUENCE: 3
62 ctcttgccat atgtattgga tccc
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 14
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: probe
72 <400> SEQUENCE: 4
73 cattccggca acaa
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 15
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: probe
83 <400> SEQUENCE: 5
84 cattccggca acaac
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 22
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: probe
94 <400> SEQUENCE: 6
95 cattccagca acaacttgg tg
97 <210> SEQ ID NO: 7
98 <211> LENGTH: 22
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: probe
105 <400> SEQUENCE: 7
106 cattccggca acaacttgg tg
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 25
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: probe
116 <400> SEQUENCE: 8
117 caccaaagggt gttgctggaa tgaac
119 <210> SEQ ID NO: 9
120 <211> LENGTH: 22
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: probe
127 <400> SEQUENCE: 9

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128 gaatggcacc aaagttgttg cc 22  
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 131 <211> LENGTH: 24  
 132 <212> TYPE: DNA  
 133 <213> ORGANISM: Artificial Sequence  
 135 <220> FEATURE:  
 136 <223> OTHER INFORMATION: probe  
 138 <400> SEQUENCE: 10  
 139 ctggaatgaa ctaaaaaatt tgcc 24  
 141 <210> SEQ ID NO: 11  
 142 <211> LENGTH: 24  
 143 <212> TYPE: DNA  
 144 <213> ORGANISM: Artificial Sequence  
 146 <220> FEATURE:  
 147 <223> OTHER INFORMATION: probe  
 149 <400> SEQUENCE: 11  
 150 ccggaatgaa ctaaaaaatt tgcc 24  
 152 <210> SEQ ID NO: 12  
 153 <211> LENGTH: 18  
 154 <212> TYPE: DNA  
 155 <213> ORGANISM: Artificial Sequence  
 157 <220> FEATURE:  
 158 <223> OTHER INFORMATION: probe  
 160 <400> SEQUENCE: 12  
 161 caaaagtgtt gccggaat 18  
 163 <210> SEQ ID NO: 13  
 164 <211> LENGTH: 21  
 165 <212> TYPE: DNA  
 166 <213> ORGANISM: Artificial Sequence  
 168 <220> FEATURE:  
 169 <223> OTHER INFORMATION: probe  
 171 <400> SEQUENCE: 13  
 172 caaaagtgtt gccggaatga a 21  
 174 <210> SEQ ID NO: 14  
 175 <211> LENGTH: 18  
 176 <212> TYPE: DNA  
 177 <213> ORGANISM: Artificial Sequence  
 179 <220> FEATURE:  
 180 <223> OTHER INFORMATION: probe  
 182 <400> SEQUENCE: 14  
 183 caaaagtgtt gctggaat 18  
 185 <210> SEQ ID NO: 15  
 186 <211> LENGTH: 50  
 187 <212> TYPE: DNA  
 188 <213> ORGANISM: Homo sapiens  
 190 <400> SEQUENCE: 15  
 191 ggcaaatttt ttagttcatt ccagcaacaa ctttgggcc attctctcat 50  
 193 <210> SEQ ID NO: 16  
 194 <211> LENGTH: 50

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195 &lt;212&gt; TYPE: DNA

196 &lt;213&gt; ORGANISM: Homo sapiens

198 &lt;400&gt; SEQUENCE: 16

199 ggcaaatttt ttagttcatt ccggcaacaa ctttggtgcc attctctcat

50

VERIFICATION SUMMARY

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Input Set : A:\PTO.RJ.TXT

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L:10 M:270 C: Current Application Number differs, Replaced Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date